

## **Extent of disease affects the usefulness of fecal biomarkers in ulcerative colitis**

### **Authors:**

Akihito Sakuraba<sup>1</sup>, Nobuki Nemoto<sup>1</sup>, Noritaka Hibi<sup>1</sup>, Ryo Ozaki<sup>1</sup>, Sotaro Tokunaga<sup>1</sup>, Oki Kikuchi<sup>1</sup>, Shintaro Minowa<sup>1</sup>, Tatsuya Mitsui<sup>1</sup>, Miki Miura<sup>1</sup>, Daisuke Saito<sup>1</sup>, Mari Hayashida<sup>1</sup>, Jun Miyoshi<sup>1</sup>, Minoru Matsuura<sup>1</sup>, Masayoshi Yoneyama<sup>2</sup>, Hiroaki Ohnishi<sup>3</sup>, Tadakazu Hisamatsu<sup>1\*</sup>

### **Affiliation:**

- 1) Department of Gastroenterology and Hepatology, Kyorin University School of Medicine, Tokyo, Japan
- 2) Department of Clinical Laboratory, Kyorin University Hospital, Tokyo, Japan.
- 3) Department of Laboratory Medicine, Kyorin University School of Medicine, Tokyo, Japan.

### **\* Corresponding author:**

Tadakazu Hisamatsu, M.D., Ph.D., FACG, AGAF  
Department of Gastroenterology and Hepatology,  
Kyorin University School of Medicine.  
6-20-2 Shinkawa, Mitaka-shi, Tokyo 181-8611, Japan

Tel.: +81-422-47-5511 (ext. 5279)

Fax: +81-422-44-0655

E-mail: [thisamatsu@ks.kyorin-u.ac.jp](mailto>thisamatsu@ks.kyorin-u.ac.jp)

**Running title:** Disease extent and fecal biomarkers in UC

Supplemental Table 1. Mayo Endoscopic Subscore (MES)

Score	Disease Activity	Endoscopic Features (Descriptors)
0	Normal or inactive	None
1	Mild	Erythema, decreased vascular pattern, mild friability
2	Moderate	Marked erythema, absent vascular pattern, friability, erosions
3	Sever	Spontaneous bleeding, ulceration